Basic Remote



dish NETWORK®

Safety Instructions
You must keep safety in mind while using this device. Keep these and any other instructions for future reference.
Observe Warnings: Carefully follow all warnings on the device and in the operating instructions.
Heat: Do NOT place the device near heat sources such as radiators, stoves, heat registers, or other appliances that produce heat.

Care and Use
Cleaning: Do NOT use liquid, abrasive, solvent, or aerosol cleaners. Use a damp cloth for cleaning.

When Not in Use: Remove the batteries if this device is to be left unattended or unused for a long period of time.



Refer servicing to qualified personnel when a solid object or liquid has fallen onto or into the device.



Do NOT attempt to service this device. Refer all servicing to qualified personnel. Opening covers other than the battery cover will void the warranty.

Publishing Information
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Address comments or questions about this User Guide to techpubs@echostar.com or
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SAT Mode



Red Light
Assists in programming mode

SAT Power
Controls satellite receiver

TV Power
Controls TV

DVR
Goes to list of recorded programs

GUIDE
Displays current and future satellite program listings

MENU
Accesses features and settings

CANCEL
Returns to previous menu or to watching a program

Arrows/OK Buttons
Navigates through menus and program guide, and use to select a desired option

INFO
Retrieves information on programs

DVR
Pauses live TV and plays or records programming

VOLUME and MUTE Buttons
Controls TV volume

RECALL
Returns to the last channel viewed

Number Buttons
Enters a channel number, or navigates through menus

Channel Up/Down
Navigates through channels

System Wizard
Stores and/or restores remote settings

DVR Functions

Note: DVR Functions only work with DISH Network receivers that support DVR.



Press twice to go to list of recorded programs.



Pauses or plays a live or recorded program.



Stops recording a program.



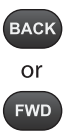
Records a program.



Press and release to skip backward through recorded programs. Press and hold before releasing to rewind quickly (x4). If pressed and released once in rewind mode, rewinding video increases to second speed (x60).



Press and release to skip forward through recorded programs. Press and hold before releasing to fast-forward quickly (x4). If pressed and released once in fast forward mode, forwarding video increases to second speed (x60).



Note: *If video is rewinding or forwarding at x4 speed and the opposite button is pressed, the video switches to other direction.*

If video is rewinding or forwarding at x60 speed and the opposite button is pressed, the video decreases to x4.

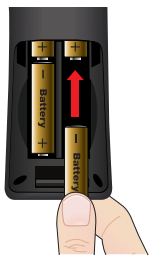
Insert the Batteries

1



Remove the remote battery cover.

2



Insert 4 AA batteries, making sure to match the plus (+) ends with the plus markings on the battery case.

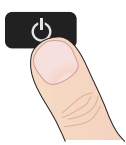
3



Replace the remote battery cover. With the cover at a slight angle, line up the tabs and push down on the cover until it is in place.

Making the Remote Work with the Receiver

1



Press the POWER button on the receiver's front panel.

2



Confirm remote operates the receiver by pressing other remote buttons.

Programming Remote to Control TV
(Entering a TV code)

1



Turn TV and receiver on.

2


TV Codes

These tables contain the manufacturer codes for programming the remote control to operate your TV. Every attempt has been made to include all codes. If your manufacturer is not listed or does not work, try each code. The remote may not control your equipment if it was manufactured after this remote. Refer to items shown in this guide.

Find the brand name of the TV listed in the code tables that start on page 11.

3



Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

4



Enter a three-digit TV code (see page 11) that corresponds to your TV brand, using the number buttons on the remote's number pad. Red light remains on after entering the code.

5



Press and release OK. Red light blinks three times.

Con't on next page...

Programming Remote to Control TV
(Entering a TV code *continued*)

6



Press and release TV POWER to turn off the TV. If TV turns off, continue to step 7. If the TV does not turn off, go to Step 8.

7



Turn the TV on and try other buttons to make sure they work. If the other buttons work, stop here. If they do not work, continue to Step 8.

8


TV Codes

These tables contain the manufacturer codes for programming the remote control to operate your TV. If only one(or) code(s) has been made to include all codes. If the remote does not work with the first code listed, or does not work, the remote may not control your equipment. In some cases codes may operate some but not all functions on your TV. Try each code listed for your brand of TV.

Aiwa 009 710
Akai 010
Akiba 011 902
Admiral 003 012 972 975
Adventura 020
Advent 003 902 912
Agashi 003 902
Alba 707 776
Akai 010
Akura 003 013 032 912
Alba 707 776 902 912
Alleron 030
Allorgan 031 032 034
Allorgan 033
A-Mark 023 035
Amstrad 036 037
America Action 040
Ampro 041
Ampro 041
Anam 042 043
Anam National 035
047 2423 6921 957 962
Apex 049 050 051 052
972 983 620 627 683 692
693
Apex 052 086 743 744
Archer 020 053 054
Archer 020 053
Astar 055
Astro Vision 056 065 920
922 923 6307 692 692
693
Aventura 720
Axion 057
Bang & Olufsen 014
Bell
Bell
Bell

Programming Remote to Control TV
(Automatically finding a TV code)

Note: Only use *Automatically finding a TV code* if you were unable to find a code using *Entering a TV code*.

1 

Turn TV and receiver on.

2 

Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

3 

Press and release TV POWER. Red light stays on.

4 

Press and release UP ARROW slowly. Red light goes out and comes back on. If the TV turns off, continue to Step 5. If the TV remains on, repeat this step until the TV turns off. Point the remote at the TV the entire time.

5 

Press and release OK. Red light blinks three times.

6 

Press TV POWER to turn TV on and try other buttons to make sure the TV responds the way you expect. If not, try another code by returning to Step 1.

Displaying TV Code

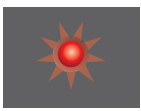
To identify the TV code that your Basic Remote is using, complete the following steps:

1 

Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

2 

Press and release OK twice.

3 

The red light blinks a number of times corresponding to the value of the stored TV code. For example, if the stored TV code is 593, the red light blinks five times, pauses, blinks nine times, pauses, and blinks three times. For a zero value, the red light blinks quickly (different blink from a value of 1).

4 

Record the stored TV code in the Reference Table on the inside back cover.

SAT Auto-Tune

SAT Auto-Tune programs into the remote control the correct TV channel used for viewing your paid programming. If you are experiencing fuzzy, blue, or black screens, it might be due to the TV being set to the wrong channel. Using the SAT Auto-Tune feature helps prevent fuzzy, blue, or black screens from occurring. When TV POWER is pressed and released, the remote sends that channel to the TV, ensuring that the TV is on the correct channel for viewing your paid programming.

To use this feature, you must program the channel by following the steps under *Setting SAT Auto-Tune Channel.*

Setting SAT Auto-Tune Channel

1 

Make sure the remote control operates your TV.

2 

Press and hold TV POWER until red light comes on. Release TV POWER. Red light blinks.

3 

Press and release RECALL.

4 

Enter the channel used for viewing (three digits in range of 002 to 125), for example channel “003.”

5 

Press and release OK.

Disabling SAT Auto-Tune Channel

If you decide that you do not want the TV programmed to the TV channel used for viewing your paid programming, follow the steps below to disable SAT Auto-Tune. This only needs to be done if you followed the steps for *Setting SAT Auto-Tune Channel* on page 8.

1 

Press and hold TV POWER until red light comes on. Release TV POWER.

2 

Press and release RECALL.

3 

Enter 000.

4 

Press and release OK.

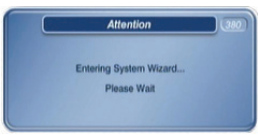
Using System Wizard

Note: System Wizard only works with some receivers.

Use System Wizard to store/restore your remote settings. If your batteries are low, replace them before beginning.

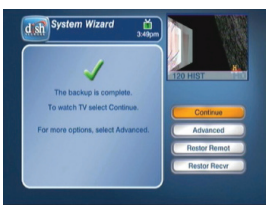
1





Press and hold 0 until System Wizard message appears. Release 0. Make sure remote and receiver are in line of sight.

2



Select **Continue** to return to Live TV.

TV Codes

These tables contain the manufacturer codes for programming the remote control to operate your TV. Every attempt has been made to include all codes. If your equipment brand is not listed or if the codes do not work, the remote may not control your equipment. In some cases, codes may operate some but not all buttons shown in this guide.

3M 026 160
Abex 658 926
ABS 721
Accurian 623
Acer 511
Action 061
Admiral 521 532 533 572 675 726 739 740 834 835
Advent 032 035 044 053 220 502 653 842 912
Adventura 929
Aftron 069
Aiko 524 727 778
Aiwa 018 667
Akai 016 175 178 179 180 506 592 601 612 622 627 652 680 684 738 750 754 794 795 807 808 858 865 866 906 907 908 946
Alaron 532 974 977
Albatron 692 804
Alienware 721
A-Mark 804 914
Ambassador 971
America Action 541 657 682
Ampro 691
Amtron 657
Anam 657 682 915 916 936
Anam National 541 657 963
Anthem 164
AOC 075 131 157 235 271 505 506 519 520 582 620 627 653 654 914 932 952 975
Apex 542 552 574 595 743 744 745 757 759 771 815
Apex Digital 065 086 231
Archer 804 914
Astar 186 594
Audiovox 020 040 099 222 223 224 280 524 528 531 541 565 623 624 657 678 682 697 719 727 778 810 816 832 914
Aurora Systems 039
Aventura 527 569 694 733 841 846
Axion 222 636
Bang & Olufsen 161 514 665
Barco 770 824 825 826 828
Baycraft 536
Baysonic 682

Table continued on next page

TV Codes, continued

Belcor 505 627 773
Bell & Howell 590 611 675
Benq 073 112 511 535
Bradford 541 657 682
Brillian 091 092 093 558
Brockwood 505 627
Broksonic 213 533 622 648 682 726 748 750 752 754 834 865 866 899 908 914 980
ByD:sign 109 792
Cadia 098
Candle 506 523 536 627 654 929 933
Canon 036 135 282
Capehart 627
Carnivale 506 627
Carver 621 656 674 761 792 818 897 968
Casio 083
CCE 528 816 978 990
Celebrity 500 640 652 677 758 781 783 795 797 798 837 844
Celera 743 744 745 815
Champion 130
Changhong 743 744 745 815
Cinego 230
Cineral 697
Circuit City 627
Citizen 170 172 173 506 516 523 524 536 590 622 627 654 655 657 658 664 680 702 727 750 754 778 865 866 908 929 933 985
Clairtone 975
Clarion 541 657 682
Classic 229
Coby 165 256 257 258 260 261 262 263 264 265 266 267 268 281 607 626 633
Colortyme 627 654
Colt 660
Commercial Solutions 503 522 645 650 749 776 779 805 830 831 859 863 864
Compaq 029 030
Computime 071
Concerto 523 627 654 933
Contec 541 657 682 960 961 975
Contec/Cony 541 655 657 658
Craig 536 541 657 682 694 963
Crosley 500 621 640 656 674 677 758 761 781 783 792 795 797 798 818 837 844 897
Crown 536 541 655 656 657 658 682 702 761
CTX 804
Curtis 573 683

Table continued on next page

TV Codes, continued

Curtis Mathes 003 028 215 503 506 516 521 528 530 531 572 590 611 621 627 641 645 650 654 655 656 658 674 675 680 697 702 719 738 739 740 749 755 761 776 792 794 818 830 832 863 864 897 933 953 966
CXC 541 657 682
CyberHome 037
CyberPower 721
Cytron 537 539 550 903 904
Daewoo 015 016 505 524 528 530 531 590 611 627 630 653 654 655 658 664 684 697 702 719 727 778 816 832 853 935 942
Daytron 505 627 654 658
Dell 080 137 518 676 772 773 774
Denon 007 786 953
Denstar 011
DiamondVision 546 643 659
Digital Projection Inc. 143 185 191
Digital Lifestyles 194
Digistar 153
Dimensia 503 645 830
DISH Network 742
Disney 247
Dixi 761 897
Dumont 501 505 627 711 775 813
Durabrand 527 533 541 564 569 587 627 632 657 682 694 718 726 733 834 841 843 846 914
Dwin 022 034 572 739
Dynatech 930
Dynex 200 538 585 698 701 706
EchoStar 742 763
Eiki 025
Electroband 500 640 652 677 758 781 783 795 797 798 837 844 975
Electrograph 162 507 581 609 710 746 753 763 801
Electrohome 171 173 533 627 652 654 726 795 834 994 997
Element 250 567 568 591 669 723 724
Emerson 213 505 527 528 529 530 531 532 533 536 541 559 564 569 587 590 611 618 627 632 643 646 654 655 657 658 664 668 672 679 682 694 697 702 718 719 726 733 748 752 756 764 767 777 816 829 832 834 838 839 841 846 899 927 961 971 972 973 974 975 980 982 985 987
Emprex 152 194 597
Encross 062 142

Table continued on next page

TV Codes, continued

Envision 042 131 235 506 519 620 627 654
Epson 102 708
Erae 089
ESA 527 569 587 601 618 632 646 679 694 733 767 777 829 838 839 841 846
Fisher 590 595 611
FlexVision 020
Fujitsu 041 532 536 602 603 694
Funai 095 212 228 500 527 532 541 569 587 618 640 657 677 679 682 694 733 756 758 777 781 783 795 797 798 829 837 838 839 841 844 846
Futuretech 541 657 682 694
Gateway 070 071 072 507 511 535 581 609 710 721 746 753 763 801
GE 028 214 215 216 270 920 922 924 950 984 987
General Electric 503 508 522 528 531 544 564 627 645 650 654 661 697 718 719 742 749 776 779 805 830 831 832 859 863 864
GFM 249 527 529 559 569 618 679 694 733 777 829 838 839 841 846
Gibralter 501 505 506 627 711 775 813
Go Video 204 696
Goldstar 219 505 506 523 564 627 653 654 655 658 702 718 720 761 897 913 926 997
Goodmans 993
GPX 532
Gradiente 540 996
Granada 627
Grand 627
Grundig 603
Grunpy 532 541 657 682
H&B 132
Haier 190 276 515 571 693 843
Hallmark 564 627 654 718
Hanns.G 199
Hannspree 124 125 126 188 199
Harley Davidson 212 532 756 928
Harman/Kardon 621 627 656 674 761 792 818 897 938
Harsper 084
Harvard 541 657 682 936
Havermy 521 572 739 740
Helios 901 905
Hello Kitty 528 531 697 719 832
Hewlett Packard 074 075 076 146 712 721 911

Table continued on next page

TV Codes, continued

Hisense 111 169 241 269 759
Hitachi 123 212 517 523 547 549 554 555 606 627 637 638 654 655 658 675 688 709 756 786 788 789 790 791 926 927 933 943 945 953 957 970 984 997 998
Howard Computers 721
HP 074 075 076 146 599 712 721 911
Hyundai 087 103 695
I-Inc 189
iBUYPOWER 721
Ilo 177 529 559 588 596 625 668 764
IMA 657
Infinity 621 656 674 761 792 818 897
InFocus 031 148 252 616
Initial 596 625
Insignia 082 149 167 169 181 211 240 272 273 527 533 537 538 539 543 550 553 569 585 618 679 694 698 701 726 728 733 751 766 773 777 809 829 834 838 839 841 846 857 903
Inteq 501 711 775 813
iRIS 251
IX 063
Janeil 929
JBL 621 656 674 761 792 818 897
JC Penney 503 505 506 508 516 595 627 631 645 653 654 658 680 830
JCB 500 640 652 677 758 781 783 795 797 798 837 844
Jensen 032 044 106 220 502 537 627 653 654 842 912 931
JVC 023 164 197 217 508 517 533 557 570 642 649 655 658 688 713 714 715 726 735 736 737 812 817 834 937 962 967 973
Kamp 977
Kawasho 627 652 654 795 961 977 988
Kaypani 932
KDS 591 669
KEC 541 657 682
Kenwood 505 506 627 654 716
KLH 227 595 743 744 745 815
Kloss 627 921 929 938
Kloss Novabeam 657
Konka 011 012 013 019 510
Kost 094 144
Kreisen 062 142
KTV 506 541 627 655 657 658 682 702 974 975 978 985

Table continued on next page

TV Codes, continued

LG 002 047 056 080 115 196 221 501 503 522 545 553 564 615 627 650 653 654 693 711 718 720 730 766 773 775 779 804 805 809 813 830 831 859
Linksys 721
LiteOn 074
Lloyd's 212 627 756
Lloytron 658
Loewe 656 761 897 951
Logik 675
Luce 052 699
Luxman 523 627 654 933
LXI 028 503 526 564 590 595 611 621 627 631 635 645 650 654 656 674 718 744 749 761 768 771 776 785 792 818 830 863 864 897 955
M. Wards 500 505 506 795
MAG 591 669
Magnasonic 664 756
Magnavox 040 081 090 131 151 208 212 506 507 508 517 527 532 536 550 560 563 569 581 609 618 621 625 627 646 654 656 674 679 688 694 710 733 746 747 753 756 761 762 763 767 777 782 792 801 818 827 828 829 838 839 841 846 887 888 891 892 893 894 897 919 921 923 944 976 995
Magnin 661
Majestic 675
Marantz 078 506 560 563 604 608 621 627 654 656 674 747 761 792 818 836 897
Matsushita 014 512 577 619 634 685 689 700 729 734 765 780 784 819 820 821 822 823
Maxent 033 085 184 193 507 581 609 710 746 753 763 801
MB Quart 210
Media Center 721
Media Center PC 721
Megapower 804
Megatron 564 627 654 718 914 953
MEI 975
Memorex 063 171 211 218 219 504 529 532 533 564 590 611 613 627 648 653 654 675 680 684 718 725 726 752 787 799 834 869 876 899
MGA 504 505 506 564 613 627 653 654 661 718 725 787 799 959
Micro 140
Microsoft 721
Midland 028 501 508 645 650 655 658 702 711 730 749 775 776 813 863 864 926 950
Mind 721
Mintek 596 625

Table continued on next page

TV Codes, continued

Minutz 920
Mitsubishi 051 058 134 150 214 504 505 517 521 564 572 613 614 627 653 654 688 718 725 739 740 787 799 918 946 959 991 992
Mitsui 769
Monivision 692 804
Montgomery Ward 675
Motorola 050 521 572 739 740 835
Moxell 050
MTC 505 506 516 523 627 653 654 680 930 933 942 975 977
Multitech 541 657 682 930 978
Multivision 810
NAD 057 079 526 564 595 627 631 635 637 654 718 744 768 771 785 933
Nakamichi 145
Naxa 233
NEC 006 066 505 506 517 523 604 608 610 627 653 654 687 688 731 732 904 933 968
Net-TV 033 507 581 586 609 710 746 753 763 801
Nexus Electronics 250
Nikkai 613
Niko 156
Nikko 506 524 564 627 654 718 727 778
Niveus Media 721
Noblex 001
Norcent 075 131 157 158 243 519 579 759
Norwood Micro 104 588
Noshi 681
Northgate 721
Novabeam 627
NTC 524 727 778
NuVision 168 248
Nyon 627
Olevia 077 523 564 566 578 580 654 910
Olympus 121
Onwa 541 657 682
Optimus 014 218 512 577 590 611 619 634 637 685 689 700 729 734 756 765 780 784 819 820 821 822 823 869 876 966
Optoma 067 174
Optonica 521 572 739 740 835 965
Orion 213 532 533 538 694 726 748 752 834 899 980
Ovation 024
PARK 242

Table continued on next page

TV Codes, continued

Panasonic 014 110 215 218 508 509 512 576 577 619 634 644 647 656 685 689 700 729 734 761 765 780 784 811 819 820 821 822 823 860 861 862 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 889 890 895 896 897 900 964 979

Panavision 734 811

PDI 142

Penney 028 215 219 526 564 595 627 631 635 645 650 655 658 661 681 702 718 720 744 749 768 771 776 785 863 864 913 914 920 922 926 949 950 956

Petters 534

Philco 505 506 527 529 532 536 559 569 618 621 627 653 654 655 656 658 668 674 679 694 733 761 764 777 792 818 829 838 839 841 846 897 919 923 944

Philips 017 078 144 209 226 525 527 548 550 560 563 621 625 627 655 656 658 674 747 761 770 782 792 818 824 825 826 827 828 839 887 888 891 892 893 894 897

Philips Magnavox 527 550 761 826 827 828

Pilot 505 506 627 655 658 702

Pioneer 057 164 547 561 576 604 608 627 637 654 927 966 969

Planar 147

Plasmsync 610

Polaroid 094 096 111 113 116 117 120 153 195 227 231 232 236 244 245 534 537 539 550 588 591 627 669 670 671 678 743 744 745 751 766 773 814 815 901 903 905

Portland 505 524 528 530 531 627 653 654 655 658 697 702 719 727 778 832

Price Club 680

Prima 032 035 044 200 220 502 653 673 674 842 912

Princeton 021 562 804

Prism 508

Projectiondesign 191 192

Proscan 028 216 254 503 506 522 645 650 705 742 749 776 779 805 830 831 859 863 864

Proton 003 536 564 627 654 655 658 718 914 925 932

Protron 114 589

Table continued on next page

TV Codes, continued

Proview 050 591 669 902
Proxima 024 025 026 027
Pulsar 501 505 627 711 775 813
Puneet 152
Pvision 089
Quasar 014 215 218 508 512 577 619 634 685 689 700 729 734 765 780 784 819 820 821 822 823 860 861 862 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 889 890 895 896 965
Quanta 072
Radio Shack 028 212 503 505 506 541 564 590 611 627 645 650 682 702 718 749 756 776 830 863 864 926 933 965 997
Radio Shack/Realistic 503 590 627 645 654 655 657 658 830
RCA 028 198 214 215 216 225 503 505 508 521 522 530 544 547 627 630 636 637 639 641 645 650 651 653 654 661 681 686 690 740 742 749 751 776 779 805 830 831 859 863 864 902 924 927 941 950 983
Realistic 503 505 506 541 564 590 611 627 645 682 702 718 830 926 933 965
RevolutionHD 162
Rhapsody 974 975 977
Ricavision 721
Runco 006 163 176 501 506 604 608 627 711 775 813
Sampo 033 506 507 581 609 627 654 655 658 702 710 746 753 763 801 926 932 947 949
Samsung 043 154 505 506 516 523 564 601 627 653 654 655 658 680 684 702 707 717 718 738 755 761 794 833 858 897 926 933 990 999
Samsux 655 658 702
Sansei 697
Sansui 138 171 211 212 527 533 569 622 694 726 733 748 750 752 754 756 834 841 846 865 866 899 908
Sanyo 004 038 274 275 517 590 611 621 627 656 661 674 688 761 792 818 840 897 940 948 954
SBR 761 897
Sceptre 064 086 128 159 279 677
Schneider 761 897
Scimitsu 505 773
Scotch 564 627 654 718

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TV Codes, continued

Scott 182 505 532 541 564 627 654 655 657 658 682 718 980
Sears 028 212 219 503 523 526 527 532 558 564 569 590 595 611 621 627 631 635 645 650 654 656 658 674 694 718 733 744 749 756 761 768 771 776 785 792 818 830 841 846 863 864 897 933 954 955 956 986
Seimitsu 627
Semivox 682
Semp 595 771
Sharp 005 214 277 521 546 556 572 605 627 628 629 654 655 658 663 702 739 740 803 835 836 898 958 960 965 986 995
Sharper Image 703
Sheng Chia 521 572 739 740
Sherwood 136
Shogun 505 627
Signature 621 656 674 675 761 792 818 897
Signet 094
SIM2 Multimedia 105
Simpson 536 976
Skyworth 202
Solavox 613
Solarism 088
Sole 132 144 162 238 239 699
Sony 049 201 212 500 513 640 652 677 721 756 758 781 783 795 796 797 798 806 837 844 845 917 939
Soundesign 532 536 541 564 627 654 657 682 718
Sova 114 224
Soyo 152 189 205 206
Spectricon 627 914 952
Spectroniq 591 669
Squareview 527 569 694 733 841 846
SSS 505 541 627 657 682
Stack 9 721
Starlite 541 657 682
Studio Experience 692
SunBrite 139 259
Superscan 521 572 583 646 739 740 741 767 777
Supra 523 627
Supre-Macy 929
Supreme 500 640 652 677 758 781 783 795 797 798 807 837 844
SVA 008 059 060 515 618 679 759 777 829 838 839 901 905
Sylvania 095 111 506 527 529 536 559 567 568 569 618 621 627 646 654 656 668 672 674 679 694 723 724 733 756 761 764 767 777 792 818 829 838 839 841 846 888 897 919 923 934 944

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TV Codes, continued

Symphonic 212 527 541 569 587 632 646 657 679 682 694 733 756 767 841 846
Syntax 077 523 564 566 578 580 654 910
Syntax-Brillian 558 564
Systemax 721
Tagar Systems 721
Tandy 521 572 739 740 835
Tashiko 009
Tatung 076 100 101 129 511 535 588 914 930
Teac 586
Technics 508 512 577 619 634 685 689 700 729 734 765 780 784 819 820 821 822 823
Technol ACE 532
Techview 055 234 590
Techwood 508 523 627 654 914 933
Teco 704
Teknika 504 505 512 516 523 524 532 536 541 613 621 627 644 653 654 655 656 657 658 674 675 680 682 685 702 725 727 761 778 787 792 799 818 897 933 989
Telecaption 688
Telefunken 738 794 933
Telemagic 025
Tera 925
Thomas 212 627 756
Thomson 010
TMK 523 564 627 654 718 933 971
TNCi 501 711 775 813
Toshiba 014 045 048 054 079 108 115 122 127 166 516 517 526 590 595 610 611 615 617 622 631 635 644 666 680 688 721 744 750 754 755 768 771 785 793 800 802 847 848 849 850 851 852 854 855 865 866 908 909 956
Tosonic 975
Totevision 655 658 702
Touch 721
Toyomenko 627
Trical 960
Trutech 237 584
TVS 533 726 834
Ultra 589
Universal 922
US Logic 588
UTI Technology 253
V Inc. 562 575
Vector Research 506 627
Venturer 207
VEOS 558
Victor 557 735 736 737
Video Concepts 946
Vidikron 163 164 604 608 621 656 674 761 792 818 897 981
Vidtech 505 517 564 627 653 654 688 718

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TV Codes, continued

Viewsonic 118 121 155 187 235 507 551 562 575 579 581 582 583 600 606 609 620 710 721 741 746 753 760 763 789 796 801
Viking 929 989
Viore 177 203 242 683 907
Visart 119
Vistron 246
Vizio 511 535 551 562 575 583 593 598 741 773
Voodoo 721
Wards 057 079 501 503 508 516 526 532 536 541 564 590 595 611 621 627 631 635 640 641 645 653 654 656 657 674 675 677 681 682 711 718 749 758 761 768 775 776 781 783 785 792 797 798 813 818 830 837 844 863 864 897 919 920 921 922 923 924 933 939 944 965 976
Waycon 526 595 631 635 768 785
Westinghouse 068 097 107 183 278 528 531 551 562 574 575 652 697 719 795 797 798 809 832 856

White Westinghouse 528 530 533 726 816 832 834
WinBook 133
Wyse 131
Xoceco 141
Yamaha 505 506 606 627 653 654 789
York 627
Zenith 212 500 501 506 524 530 533 553 555 564 615 627 638 640 645 675 677 711 718 720 726 727 748 749 752 756 758 766 773 775 776 778 781 783 795 797 798 809 813 834 837 844 853 863 864 899
Zonda 804 914
ZT Group 721

Troubleshooting

Use this information if you have a problem using the remote. To solve a particular problem, do the following:

- Find the information that relates to the problem you are experiencing. Try the suggested solution for that problem.
- Make sure your remote control has fresh batteries. If you see the Remote Battery Low warning on your TV screen, it is time to change the batteries. Follow the instructions on page 3.
- Make sure you have a direct line of sight between the remote and the receiver.
- Visit www.dishnetwork.com.

While performing a remote control procedure, the remote control stops working.
What to do: Start over again. If you don't press a button for 20-30 seconds in a programming sequence, the remote shuts off its programming function.

When you press a button on the remote control, the equipment doesn't do what you expect.
What to do: Point the remote control directly at the TV, with no objects blocking the signal path. The remote control uses IR signals to control the receiver. IR signals travel less than 40 feet, and cannot go through walls or other solid objects.

If the batteries are missing or dead, replace them with fresh AA-size batteries (see page 3). If the remote has fresh batteries, check whether you put them in correctly. If you didn't, take them out and put them in the right way.

Troubleshooting, continued

When you try to enter TV programming mode, the red light comes on and blinks eight times when TV POWER is released.
What to do: Replace the batteries (see page 3).

Your remote control does not work well.
What to do: Move your receiver to different locations. For best results, place the receiver as high as possible, above all other equipment in your entertainment center. There may be IR interference from objects near the receiver.

Your picture is fuzzy (or black or blue).
What to do: Make sure your TV is tuned to the correct channel. You may have accidentally changed the channel on your TV. Check the Reference Table on page 29 to see what channel your TV is tuned to.

Your remote control isn't working.
What to do: Make sure you are using the correct remote control.

Change the batteries as described on page 3. Your batteries may be worn out.

When you press the remote control MUTE or VOLUME button, nothing happens.
What to do: Program the remote to control your TV. See *Programming Remote to Control TV*.

Limited Warranty



This *Limited Warranty* is a legal document. Keep it in a safe place. Remember to keep your Sales Receipt for warranty service. We will consider any items you return without a copy of the *Proof of Purchase* to be out of warranty.

This warranty extends only to the original user (“you,” “your”) of the DISH Network remote control and is *limited* to the purchase price of the remote control. EchoStar Technologies L.L.C., formerly known as EchoStar Technologies Corporation, and its affiliated companies (“we,” “our,” “us”) warrant this remote control against defects in materials or workmanship as follows.

For one year from the original date of purchase, if we find the remote control is defective subject to the limits of this warranty, we will replace the remote at no charge for parts or labor. We warrant any such work done against defects in materials or workmanship for the remaining part of the original warranty period.

This warranty does *not cover* installation of the DISH Network System; consumer instruction; physical set up or adjustment of any consumer electronic equipment; remote control batteries; signal reception problems; loss of use of the equipment; unused programming charges due to equipment malfunction; cosmetic damage; damage due to lightning, electrical or telephone line surges, fire, flood, or other acts of Nature; accident; misuse; abuse; repair or alteration by other than our factory service; negligence; commercial or institutional use; improper or neglected maintenance; equipment sold AS IS or WITH ALL FAULTS; equipment removal or reinstallation; shipping damage if the equipment was not packed and shipped in the manner we prescribe; nor equipment purchased, serviced, or operated outside the contiguous United States of America.

REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. WE SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS DEVICE, NOR FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING FROM THE USE OF, OR INABILITY TO USE, THIS DEVICE. UNDER NO CIRCUMSTANCES SHALL OUR LIABILITY, IF ANY, EXCEED THE PURCHASE PRICE PAID FOR THIS DEVICE. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS DEVICE IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. WE RESERVE THE RIGHT TO REFUSE TO HONOR THIS WARRANTY IF WE DETERMINE ANY OF THE ABOVE EXCEPTIONS TO HAVE CAUSED THIS DEVICE NOT TO HAVE PERFORMED PROPERLY. THIS WARRANTY SHALL BE VOID IF ANY FACTORY-APPLIED IDENTIFICATION MARK, INCLUDING BUT NOT LIMITED TO SERIAL OR CONDITIONAL ACCESS NUMBERS, HAS BEEN ALTERED OR REMOVED. THIS WARRANTY SHALL ALSO BE VOID IF THE DEVICE HAS BEEN OPENED BY AN UNAUTHORIZED PERSON (with the exception of opening the battery cover).

This warranty gives you specific legal rights which may vary from state to state. Some states do not allow the exclusion or limitations of incidental or consequential damages, or allow limitations on the duration of an implied warranty, so those limitations may not apply to you.

Accessory Warranty

An accessory is any DISH Network branded equipment, displaying the DISH Network logo, excluding the receiver, Smart Card, cables and hookups, and non-mechanical components. A one-year warranty becomes effective upon the activation of the DISH system or date of purchase, if bought separately. If an accessory has an expired warranty, you may purchase a replacement from DISH Network or your local retailer.

If You Need Help

1. Review this *User Guide*.
2. See *Troubleshooting* on page 23.
3. Visit www.dishnetwork.com/chat for 24/7 support.
4. Call the Customer Service Center at 1-800-894-9131.

Regulatory Factors

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference,
   and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this device may void your authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by following one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

Reference Table

Write down your channel numbers/inputs and TV codes as you program them for future reference.



Channel or Input for Satellite Programming

TV

TV Code

For all your customer needs,
go to www.dishnetwork.com/chat or
call the Customer Service center at
1-800-894-9131



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